

Wildlife & Ecosystem Services Working Group





Environmental Research Letters

Research Articles



Integrating snow science and wildlife ecology in Arctic-boreal North America

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Supplementary material for this article is available [online](#)

Ecosystem Services & Co-Production Working Group

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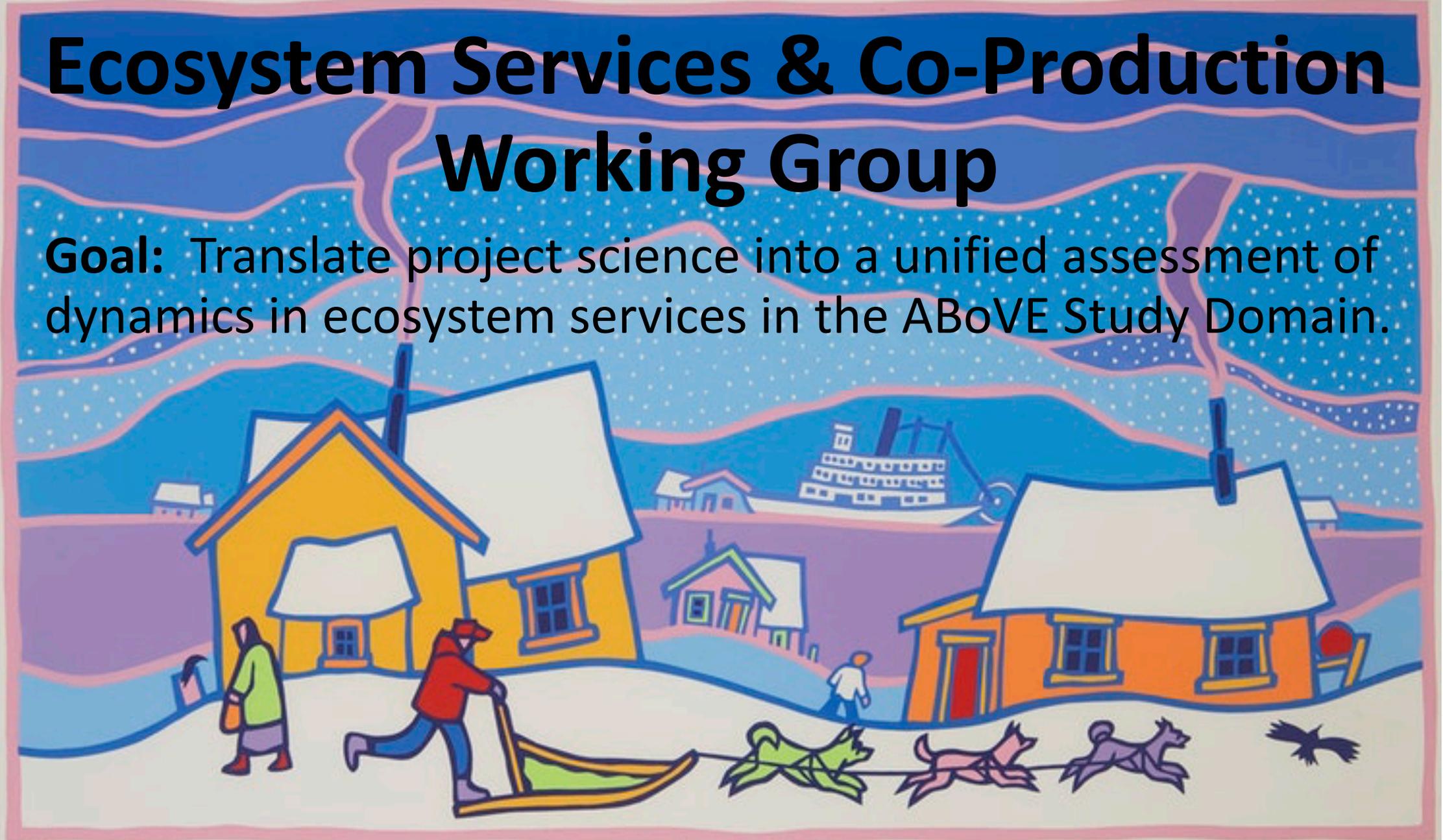
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Ecosystem Services & Co-Production Working Group

Goal: Translate project science into a unified assessment of dynamics in ecosystem services in the ABoVE Study Domain.



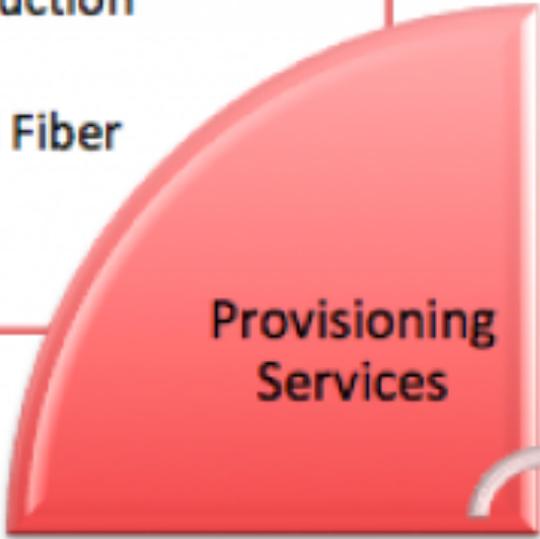
64
150

'Yukon Visit'

Ted Harrison '90

French
Boelman
Goetz
Lutz

- Food Production
- Water
- Wood and Fiber
- Fuel



- Nutrient Cycling
- Soil Formation
- Primary Production
- Habitat Provision
- Health



French
Laboda
Boelman
Goetz
Lutz
Armstrong
Duncanson
Bourgeau-Chavez

French
Boelman
Lutz
Bourgeau-Chavez

- Spiritual
- Aesthetic
- Educational
- Recreational



- Climate Regulation
- Flood Regulation
- Water Purification



Goetz
Lutz
Armstrong
Miller
Chen
Fox
Magney
Fisher
Kimball
Butman

Source: Millenium Ecosystem Assessment, 2005.

Ecosystem Services Indicators

Subsistence Opportunities

Human Health

Natural Resources

Climate Regulation

Infrastructure Transportation



Translate
Our Working Group includes Local Expert/Stakeholder Knowledge



Ecosystem Dynamics Indicators

Wildlife Populations, Habitat, Migration

Water Quantity, Quality, Timing

Vegetation Distribution, Production, Timing

Carbon Storage, Flux

Permafrost Distribution, Condition, Thaw



Goal: Translate project science into a unified assessment of dynamics in ecosystem services in the ABoVE Study Domain.

How: Via co-production! We hope/need to work with:

- (a) 'Ecosystem Service Investigators' from ABoVE projects
- (b) Stakeholder Representatives

